



Ø BEAT

COLORADO SPRINGS,
COLORADO

FEBRUARY 1984

NOTICE NOTICE NOTICE NOTICE **MEETING NOTICE** NOTICE NOTICE NOTICE

The next regular general membership meeting is to be held at Guiseppe's Depot Restaurant. The address is 10 Sierra Madre in the old railroad station. We are getting the room for free so it would be very appropriate for anyone so inclined to either have dinner there before the meeting or even bend an elbow there in appreciation of the use of the room. If we are not overly destructive and they like us there, we may even get to return. See you there on February 6, 1984 at 7:30 PM. when Jerry Johnson will present a program on Marconi. Should be interesting.

NOTICE NOTICE NOTICE NOTICE NOTICE NOTICE NOTICE NOTICE

MICROPHONES

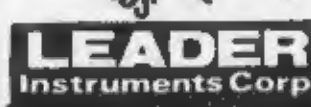

GTB SYLVANIA
 ECC SEMICONDUCTORS

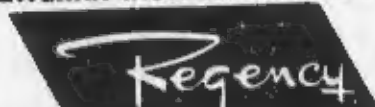

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Board Member	Jake Jacobs NØCYR 104 Old Broadmoor Rd. 80906	634-2223
Board Member	Dave Vierling NØDV 2511 N. Tejon 80907	473-0293

ZERO BEAT is published monthly in the interest of the the members of the Pikes Peak Radio Amateur Association Inc., Colorado Springs, Colorado. Permission is given to reprint articles or excerpts provided credit is given. Deadline for submission of articles is the 21st of the month. Classifieds accepted anytime.

The Pikes Peak Radio Amateur Association meets on the second Wednesday of each month at the Palmer House Motel, I-25 and Fillmore, at 7:30 p.m. All amateurs and interested parties are invited to attend.

Editor: Frank Drake KL7IPV, 4964 Harvest Rd. Colorado Springs, CO 80917 597-2406

DENVER FCC OFFICE SCHEDULES QUARTERLY EXAMS

Examinations for amateur radio licenses will be given at the Denver FCC office on a Quarterly basis during 1984 on a schedule that replaces the twice-monthly exams during 1983.

EXAM PERIOD STARTS	CUT-OFF DATE
Feb 7	Jan 15
May 8	Apr 15
Aug 7	Jul 15
Nov 6	Oct 15

DENVER FCC OFFICE FEDERAL COMMUNICATIONS COMMISSION

12477 W. Cedar Drive
Lakewood, CO 80228
(303) 234-6977

Examinations will be given by appointment only. To secure an appointment, individuals must submit an application to the Denver office before the cut-off date.

Staff members at the Denver office emphasize that no applications will be accepted after the cut-off date and no one will be admitted to sit for an examination without an appointment. "No exceptions under any circumstances."

The quarterly examination periods each start on Tuesdays. An estimated 50 to 100 examinations can be given during one day. The Denver office expects to receive several hundred applications for examinations, especially for the first period beginning Feb. 7.

Examinations will begin on Tuesday and continue during the week for as many days as necessary to administer all the examinations requested. Applicants will be notified by mail which day they are to appear for their exams.

Applications are to be submitted on FCC Form 610, which may be obtained by writing or calling the Denver office.

The quarterly examination schedule is a temporary measure, according to a member of the Denver staff. Once there are sufficient Volunteer Examiner Coordinators to take over the amateur license examination program, FCC-administered exams will be discontinued altogether.

BOARD MINUTES

The board meeting of the Pikes Peak Radio Amateur Association was called to order at 7:30PM, January 16, 1984. Present were Les, KCØNC; Al, NØCMW; Mark, NØEPF; Frank, KL7IPV; Jake, NØCYR; Bill, KQØH; Dave, NØDV; Don, KBØKQ; Bud, NØIDF; & Bob, KØDJ.

Members were reminded that 1984 club dues are due now! For those unpaid, the last issue of *Ø Beat* will be the February issue.

The Palmer House is now requiring a yearly contract of \$25 per meeting and wants the club to purchase the coffee from them. The board's feeling is that this is not acceptable. A new location needs to be found. Suggestions are very welcome. (The board found out after the meeting that we could meet at Guiseppe's in the depot behind the Antlers Hotel.) The Feb. meeting will be held there.

Several members expressed concern over the direction that the swapfest plans were headed. They appeared to feel that the board needs to communicate ideas more clearly and allow for more discussion. Some board members also expressed similar concerns to the swapfest comm. Later, Les moved to accept the current committee recommendations concerning the swapfest. The motion died for lack of a second. Bill then moved that because of the time frame, member concern, and the lack of a general membership discussion, a standing committee be formed to explore having a Hamfest in 1985 & continue with the Swapfest in 1984 as in the past with the present committee attempting to expand this years fest in terms of (1) a bigger hall; (2) moderately increasing the scope towards a possible hamfest; (3) continue with a one days affair this year. The standing committee would comprise three members and be ongoing. Dave seconded the motion.

The PPRAA has received a written notice of resignation from Joe Quintana, NØEPM, as President of the Association. The Board met on Jan. 30 in a special meet to accept the written notice from Joe and recommend nominees for the office of Vice-Pres. The resignation was accepted with regret and the board wishes Joe well in the future. The board has the following members as nominees for the position: Mike KØTER and Oak KØROL. Nominations will be open from the floor at the next meeting and a election will follow.

NEW FCC FORMS INFO

Effective on January 3, 1984, the antenna data collected on FCC forms 714 and 610 (question 9) will be eliminated. Amateur Radio operators who propose antennas exceeding the Commission standards will now have to submit Form 854 to the FCC Field Operations Bureau's Antenna Survey Branch, Washington, D.C. 20554. The new forms are available from the FCC Consumer Assistance Branch, Gettysburg, PA. 17325, any district office or the ARRL.

WELCOME TO NEW MEMBERS

The club would like to welcome the new members as listed below:

MONTE ERICSSON
46 N. AMHERST ST.
COLO SPGS., CO 80911
392-3393

JENNIFER GOBLE - NEOM
6110 SNOW BIRD DR.
COLO SPGS., CO 80916

DAVE NEWBYEN - AFØS
4770 BUSING RD. #406
COLO SPGS., CO 80907
594-9649

PAUL THOMAS
P.O. Box 10123
COLO SPGS., CO

CLIFFORD UPTON - WØLME
4031 S. LORING
COLO SPGS., CO 80909

AMSAT

AMSAT satellite tracking software is available for the Texas Instruments 99-4. For more information on satellite tracking software, write to the AMSAT Software Exchange, P.O. Box 27, Washington DC 20044.

TRADE — 74 Honda CB 350 w/ new engine & chain - trade for Icom 701. KDØLD Tim, 390-6087.

FOR SALE Model 28 Teletype KSR-console type-complete unit-ten rolls each of paper and punch tape. \$100. Dennis Smith WBØYKH-598-3268.

MEETING MINUTES

The regular meeting of the Pikes Peak Radio Amateur Association was called to order at 7:31PM, January 11, 1984. 49 members and guests were present. Les, KØNC, reported the the treasury income as \$241.65 and the expenses as \$136.32 leaving a balance of \$2796.21.

Doug, WBØMHP, gave an RFI report noting that there is an interfering signal at 145.825 is being investigated. Certain weather radios appear to be oscillating at the above frequency and will be checked.

Charlie, KCØTI, presented his resignation from the board. The board recommended Bill, KQØH, to serve the rest of Charlie's term. An election was held and Bill was elected to fill the vacancy. Frank, KL7IPV, reported that persons having cable troubles should contact George Miller at 633-8982 to have the trouble checked. George is the Cablevision Tech. Supervisor. Frank also reported on the swapfest committee plans.

Jake, NØCYR, moved the club purchase video instruction tapes, advertised in QST, for Novice to General theory. The motion was seconded and passed 21 to 10. Les moved that the club contact the seller to obtain a sample tape on approval before a final purchase is made. The motion was withdrawn as the previous motion has passed.

Frank reported that the repeater had met twice. A club repeater was not recommended for several reasons: cost of quality equip, present groups have unreliable equip., or will not release their frequencies, a desire not to fragmentise the club. The committee does recommend a formation of a "Communications group" which would provide new frequencies, new reliable equipment, new policies consistent with good operating practises, accountability of monies, etc. Those present seemed to receive the plan favorably. The tabled motion concerning the repeater was moved from the table and defeated.

The meeting adjourned at 9:32PM.

If it's CW, it's communications.

832-1111

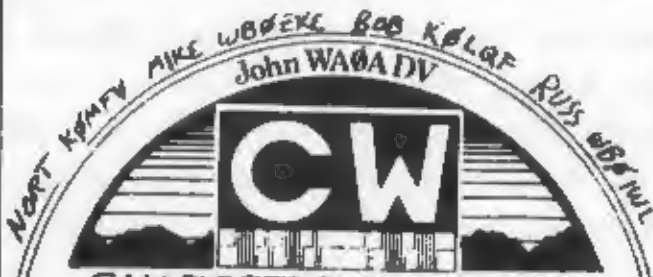
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Excerpts from the ARRL Newsletter Dated January 5, 1984

NO CODE-THU OBITUARY

The FCC has released the Report & Order officially terminating the No-code proposal P.R. Docket #83-28. The report indicates that amateurs presented logical arguments supporting their views against the proposal which led to Commission's action. The FCC said, "We conclude that a five word a minute requirement for proficiency in the international Morse code is not an unreasonable burden upon license applicants. Members of the general public, particularly younger students with developing interests in electronic technology, radio and computers, are capable of learning the international Morse code at a proficiency of five wpm without undue difficulty. We conclude that to the extent a Morse code requirement acts as a bar to ARS entry for some, it is a necessary trade off for the present nature of Amateur Radio Service."

The FCC further concluded that the considerations for handicapped applicants does not warrant creation of a codeless license. The FCC also concluded "that Morse code still occupies a significant place in day to day amateur operation, particularly in the HF bands." "Clearly", states the FCC, "Morse code is a fundamental skill critical to the nature of the ARS."

10 Year amateur licensing P.R. Docket #83-337

The ten year amateur radio license became effective on October 15, 1983. Actual implementation could not begin because the Commission's computers needed to be reprogrammed. Licenses that specify the old 5-year terms will expire on the date shown on the license. The new ten year license term will begin only when the license is renewed or modified. Of course, now, first time licenses issued will bear the 10 year license term.

Did you work W5LFL?

The following list is taken from the tape of W5LFL after four hours of transcribing.

K8PBN KA0Y KP0M KN0L KX0C N00CX N0CXC N0IS N0LL W0PHD
K0PK WA0VJF W000W0 K00TTW W00FCY

All of the above is taken from the ARRL Newsletter dated January 5, 1984. The newsletter is published bi-weekly by the ARRL and is available in subscription form from the ARRL.

RAM- VENTION

The Rocky Mountain Division ARRL Hamvention and Conference is being held at the Holiday Inn at Chambers Rd and I-8) on May 25, 26, & 27, 1984. Registration is \$5.00 in advance or \$7.00 at the door. Prizes will be given during the event. The Holiday Inn will allow four person to share a room at no extra cost. The nightly cost per room during the event will be \$49.50 plus tax. For further info contact: Colorado Section Manager: Bill Sheffield K00J 1444 Roslyn St., Denver, CO. 80220 Phone (303) 355-6400 or 355-2488

More info will be available at the monthly PTRAA club meetings. See Al Vrooman N0CMW.

MILEY'S RADIO

Jess KØTAA 719 W. 7th St. Florence, Colorado 81226 784-3040
Hours 8 to 6 Tuesday through Friday — 8 to 1 on Saturday. Closed Saturday PM, Sunday and Monday.

Evening Hours 7 to 9 (Call Ahead)

NEW EQUIPMENT IN STOCK

Kenwood TS 930S Sale \$1380 w/auto tuner \$1545.
Kenwood TS 430S \$775.
PS 430 Power Supply \$134.
Kenwood AT130 antenna tuner-shop demo w/warranty \$110.
Kenwood AT250 auto antenna tuner for 430S \$290.
Icom 730 \$599.
Kenwood 4000A 2m & 440 FM Xcvt List \$699 Sale \$549.
Same as above w/ voice synthesiser \$589.
Kenwood TR-7950 45W List \$439 - sale \$345.
Kenwood 7930 \$314.
Kenwood TR 2500 HT \$288.
Kenwood TM201A mini 25 watt FM w/ext. spkr-1 only \$310.
FC 10 freq controller for 201A-List \$49.95 \$45.
New Santec 142 2M HT-Best HT on the Market \$279.
Santec 144uP 2M HT \$265.
Santec 440uP 440 Mhz HT \$279.
Tokyo Hi Power 32V 2/30 watt 2 mtr FM 558 amp \$74.
Tokyo Hi Power 30V 2/30 watt 2 mtr FM amp \$59.
Tokyo Hi Power 160V 25 watt drive — List \$329 Sale \$279.
Tokyo Hi Power 160V 3/10 watt drive — List \$349 Sale \$289.
Tokyo High Power HC 50 80-10 SWR/watt meter — 200 watt
tuner w/ WARC bands. List \$100 Sale \$79.
Icom 2AT HT Reg. \$269 Now \$214.
Icom 25H — Green LED 45 W \$340.
New Icom 25A Green LED \$310.
New Azden PCS 4000 \$269.
New Azden PCS 300 HT \$269.
New KDK 2033 mini 25W w/TTM & LCD display \$279.
Yaesu FT 208R 2 mtr. synth. HT \$269.
Kantronics interface for VIC 20 and others \$125.
Kantronics Hamsoft for VIC 20 \$46.
Kantronic Hamtext for VIC/Com 64 \$90.
AMTOR Soft In Stock - \$90.
Kantronics Interface II - \$245.
New MFJ 1224 interface in stock \$90.
New MFJ 1224 interface w/MFJ CW/RTTY/ASCII-comb. price \$125.
Commodore 1702 color monitor \$245.
Commodore 1541 Disk Drive \$239.

Software Galore For The Commodore 64

USED EQUIPMENT

Icom 25A w/2 mounting brackets-exc. cond. \$245.
Icom 255A w/o TTM \$175.

Icom 245 in excellent condition \$125.
Kenwood TS 820S-mint \$525.
Kenwood TS 130 SE w/fan \$495.
Kenwood TS 520S - Exc. Condition \$425.
Kenwood TR 7400A - Good condition \$155.
Kenwood TR 7400A w/scanner \$175.
Kenwood TR 7850 2 meter FM-49 watts \$245.
Kenwood PC 1 phone patch \$50.
Kenwood MC 50 mike \$35.
Azden PCS 2000 excellent condition w/TTM \$175.
Midland 13-510 1 & 25 watt 2 meter mobile \$150.
KLM 30/140W 2 meter amp \$85.
KLM 2/70W 2 meter amp \$85.
Dentron Super Tuner 2 \$75.
Dentron 80-10 AT 200 W tuner \$45.
Tektronix 511A scope-works good \$50.
Heath SB 100/101 PS/sprkr, new driver & finals \$225.
Heath SB 200 2000W PEP linear \$250.
Heath SB 201 1200W - Mini \$275.
Heath SB 104A - Mint-no P.S. \$225.
Heath SB 644 ext. VFO \$50.
Heath Phone Patch w/VU meter \$29.
Heath IB 1100 frequency counter-no book \$75.
Galaxy 5 w/ AC supply and speaker \$195.
Galaxy DC1000 mobile power supply \$25.
Collins crystal pack — 117 crystals in plastic pouch \$150.
Dentron GLA 1000 1.2 kw PEP amp \$220.
National NC 300 recvr. w/calibrator-Mint \$125.
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Membership Application PIKES PEAK RADIO AMATEUR ASSOCIATION

Associate Member ☐ \$8.00 (Outside Teller & El Paso Counties.)

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Call _____
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Address _____
Name _____
License Class _____
State _____ Zip _____
Telephone _____
Calls _____

Board Minutes (cont.)

Discussion was favorable with the point being made that a hamfest was discussed in the past with no concrete action being taken. This would be the step to see if one is possible. The question was called for & the motion passed unanimously.

It was also reported that the by-laws are in need of updating. Les & Frank will coordinate that effort.

Mike, KØTFR, has volunteered to serve as the chairman of the Field Day Committee.

Al, NØCMW, has registration form for the Hamvention in Denver in May.

Les reported the novice_general video tapes are available with a seven day approval. They may be returned for a \$175 refund.

The P.O.Box has been renewed for six mo.

Al and Mark have the keys.

Bud resigned as CCARC delegate-Oak will continue. Meeting adjourned at 1010PM. Next meet at Dave's on Feb. 13th.

Respectfully submitted,
Mark, NØEPT

✓ If you worked or tried to work W5LFL, please send a business-size s.a.s.e. to Space Shuttle, ARRL, 225 Main Street, Newington, CT 06111. Mark the outside of the envelope "ham 2-way" or "reception report," as appropriate. The QSL cards will not be ready for a month or maybe more — Garriott will send QSL artwork from the flight, and then cards will be printed. Please be patient — we are receiving hundreds of reports and cards daily, and it looks like there's no end in sight!



Ø BEAT

COLORADO SPRINGS,
COLORADO

Frank Drake KL7IPV
4964 Harvest Lane
Colorado Springs, CO 80917



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